

# THE CLARION.

HOUSE, FARM AND GARDEN.  
Quantity of Seed to the Acre.

Southern Agriculturist.]

Doubtless many of the best farmers frequently are puzzled to know the quantity of seed it requires to sow an acre of ground. To aid them, we lay before the patrons of the Agriculturist, the following table, giving the quantity of seed and number of plants requisite to crop an acre of land, which will prove valuable to farmers and gardeners, and to families generally who may have only a small garden. It can always be referred to, and will set one right in any matter of doubt connected with the subjects involved:

Asparagus in 12-inch drills, 16 quarts.  
Asparagus plants, 4 by 14 feet, 8,000.  
Barley, 24 bushels to the acre.  
Beans, pole, Lima, 4 by 4 feet 20 quarts.  
Beans, Carolina prolific, 4 by 3 feet, 10 quarts.  
Beets mangelwurz, drills 24 feet, 9 pounds.  
Broom corn, in drills, 12 pounds.  
Cabbage, outside, for transplanting, 12 ounces.  
Cabbage sown in frames, 4 ounces.  
Carrots, in drills, 24 feet, 4 pounds.  
Celery, seed, 8 ounces.  
Celery plants, 4 by 14 feet, 25,000.  
Clover, Lucerne, 10 pounds to the acre.  
Clover, Alsike, 6 pounds.  
Clover, red with timothy, 12 pounds.  
Clover, red without timothy, 16 pounds.  
Corn, sugar, 10 quarts.  
Corn, field, 8 quarts.  
Cucumber, in hills, 3 quarts.  
Egg-plant, plants, 3 by 2 feet, 4 ounces.  
Endive, in drills, 24 feet, 3 pounds.  
Grass, timothy, with clover 6 quarts.  
Grass, timothy, without clover, 10 quarts.  
Grass, orchard, 35 quarts.  
Grass, red-top or herds, 20 quarts.  
Grass, blue, 28 quarts.  
Grass, rye, 20 quarts.  
Grass, millet, 32 quarts.  
Hemp, broadcast, 4 bushels.  
Kale, German greens, 3 pounds.  
Lettuce in rows, 24 feet, 3 pounds.  
Lawn grass, 35 pounds.  
Melons, water, in hills 8 by 8 feet, 3 pounds.  
Melons, cantelopes, in hills 4 by 4 feet, 2 pounds.  
Onions, 2 bushels.  
Okra, in drills, 24 by 4 feet, 20 pounds.  
Onion, in beds for sets, 50 pounds.  
Onion, in rows for large bulbs, 7 pounds.  
Parsnip, in drills 24 feet, 5 pounds.  
Pepper, plants, 24 by 1 foot, 17,500.  
Pumpkin, in hills, 8 by 8 feet, 2 quarts.  
Parsley in drills, 2 feet, 4 pounds.  
Peas, in drills, short varieties, 2 bushels.  
Peas in drills, tall varieties, 1 to 1 1/2 bushels.  
Peas, broadcast, 3 bushels.  
Potatoes, 8 bushels.  
Radish in drills, 3 feet, 10 pounds.  
Rye, broadcast, 14 bushels.  
Rye, drilled, 14 bushels.  
Salsify, in drills 24 feet, 10 pounds.  
Spinach, broadcast, 30 pounds.  
Squash, running, 8 by 8 feet, 4 pounds.  
Sorghum, 4 quarts.  
Turnips, in drills 2 feet, 3 pounds.  
Tomatoes, in frames, 3 ounces.  
Tomatoes, plants, 3,800.  
Wheat, in drills, 14 bushels.  
Wheat, broadcast, 2 bushels.

## Oats Versus Corn.

The comparative value of corn and oats for horses may be briefly stated as follows: The former is deficient in many of the elements of nutrition so necessary for recuperating the constant wear and tear which necessarily takes place in the body of a living animal. On this account, horses which are exclusively fed on corn and hay, do not receive that kind of nourishment which appears necessary for the due support and maintenance of the animal fabric; hence, we must not be surprised that corn-fed horses show evidence of being languid, by sweating profusely while being worked, lack of vitality, etc. Oats, on the contrary, contain more of the essential elements of nutrition than any other article of food which can be fed with impunity to horses. Oats are not only the most natural food for horses, but are decidedly the most nutritious. They are the cheapest, because there is less danger in feeding them; and experience has proved that horses properly fed on oats and timothy hay can, with regular exercise, good grooming, and proper sanitary regulations, be brought to the highest state of physical culture, and can perform more work with less evidence of fatigue than when fed on any other article of food.—Live-Stock Indicator.

## Spontaneous Combustion of Cotton.

During one of the hot days of June a Connecticut lady thought she smelled something burning up stairs. In searching for the fire she entered a small close garret room used for storage. She opened a window and instantly a carpet bag of rags hanging there burst into flame. The rags had been there all winter. The fire was promptly smothered; and when the bag was opened it was found that only balls of cotton rags were burned. Whether the rags had been dyed it is not stated.

## Early Mown Hay.

Careful experiments have demonstrated that in order to get the full value of hay, it must be cut when all the juices are yet in the stem, and leaves, and not when they have ascended to the seed, head and solidified themselves, for when the ultimate perpetuity of the species is provided for, what remains is but the resultant debris.—Phil J. Ebersold.

## An Early Crop of Peas.

American Agriculturist.]

There are two distinct classes of peas, those with small round seeds, and others with much larger, irregularly shaped peas, the surface of which is wrinkled. The wrinkle seeded, or marrow peas are much better than the others as sweet corn is superior to field corn. The round peas, while not so good, are much harder and earlier than the others. Unless the soil is warm, and they germinate quickly, wrinkled peas will decay before they can come up. The round peas are vastly better than no peas, and are very acceptable until the others come. To have early peas, they must be sown early—the earlier the better. After the soil has thawed for the first four inches, even if it is solid below, sow peas. If the ground was manured and plowed last Autumn, all the better; if not, select the richest available spot, and open a drill four inches deep. Peas should be covered deeper than most other seed. For varieties, the Early Kent is one of the best; it has almost as many names as there are dealers. Daniel O'Rourke is one of the names of a good strain of this pea. Carter's First Crop is another good variety, and every Spring new extra early sorts are sent from England, which usually turn out to be the old Early Kent with a new name. The peas should be sown in the bottom of the drill rather thickly, at least one every inch, and at first covered with about an inch of soil. It is well to put about four inches of coarse stable manure over the rows; this is to be left on in cold days, but when it is sunny and warm pull it off with the rake, and let the sun strike the soil over the peas, replacing it at night. When the peas sprout, gradually cover them with the warm soil, placing the coarse manure over them as needed, until the covering of soil reaches the level of the surface. If a ridge of soil a few inches higher than the peas be drawn up on each side of the row it will greatly protect them from cold winds. When the plants are a few inches high, draw some fine soil up to them, and stick in the brush. When the soil becomes dry and warm, the main crop of wrinkled peas may be sown.

## A Burglar Trap.

A country store keeper in Connecticut having been annoyed by robberies of the contents of his cash drawer, lately contrived the following trap: He arranged in the floor a trap door which perfectly matched the boards of the floor. In the day time the door was securely fastened, but at night on leaving the store a catch was so fixed that the moment the unexpected burglar stepped on the door to operate on the money drawer, the trap door opened and dropped him into a pit in the cellar below. The sides of the pit were smooth and higher than a man's head so that once dropped the burglar could not escape. The trap closed automatically by a spring, ready for a second burglar. A practical trial of the trap proved successful, for one morning the store keeper found evidence of an entrance to his store in the night and on looking into the pit discovered the imprisoned burglar. He coolly went about his business, and in due course had the burglar arrested.—Scientific American.

## Sugar from Watermelons.

Mr. W. W. Seay, of Rome, Ga., one of the best chemists in the State, is experimenting with watermelons for the purpose of extracting sugar. His experiments so far, in a small way, induce him to believe that a fair lot of melons contain an average of 7 per cent. of saccharine matter, or pure sugar. He estimates that on one acre of good land, suited to their growth, 34,500 pounds of melons would grow, and these would produce, at 7 per cent. of saccharine matter, 2,415 pounds of sugar, and worth, at 10 cents, \$241.50.—Rome Courier.

## Decorate Inscription.

A sister of the writer, who is now spending the winter in Georgia, writes him a description of the soldiers' monument at Augusta, which excited her admiration because of the dignity, and beauty of its inscription. It is an obelisk, eighty feet high, surmounted by the statue of a soldier, and on each corner pedestal there is a statue of a general—Lee, Jackson, Walker and Cobb. On one side is the inscription, "Erected in 1878 by the Ladies' Memorial Association of Augusta in honor of men of the Confederate States;" on another side, "Worthy to have lived and known our gratitude; worthy to be hallowed and held in tender remembrance; worthy the fadest honor which Confederate soldiers won; who gave themselves in life and death for us—for the honor of Georgia, for the rights of the States, for the liberties of the people, for the sentiments of the South, for the principles of the Union, as these were handed down to them by the fathers of our common country." On another side: "No nation rose so white and fair, None fell so pure of crime."

Doctors said I must die of consumption, but Parker's Ginger Tonic cured me. A. O'NEIL, Highspire, Pa.

## He Was the Wrong Man.

From the Arkansas Traveller.]

Several weeks ago, by special enactment of the legislature, the Governor offered a reward of \$200 for an Arkansas man who is not a judge, colonel, major, or captain. The next day a plain, unassuming man called upon the Governor, and said: "I have the honor, sir, to claim the reward you offered for a man who is neither a judge, colonel, major, nor captain. I am neither of these." "I am glad to meet you, sir," said the Governor. "Just sit down a moment until I attend to a little matter of business." The man took a seat, and the Governor went into an adjoining room, and, after a moment, called: "Colonel." "Yes, sir," said the gentleman arising. "That's all right," remarked the Governor. "I see you are a colonel. Porter, please show the military gentleman to the door, and admit the next man."

## Consumption Cured.

An old physician, retired from practice, having had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma and all throat and Lung Affections, also a positive and radical cure for Nervous Debility and Nervous Complaints, after having tested its wonderful curative powers in thousands of cases, has felt it his duty to make it known to his suffering fellows. Actuated by this motive and a desire to relieve human suffering, I will send free of charge to all who desire it, this recipe, in German, French or English, with full directions for preparing and using. Sent by mail by addressing with stamp, naming this paper, W. A. NOYES, 149 Power's Block, Rochester, New York.

## Religion.

The late Census conclusively proves that the people of the United States as a whole are not under church rule. There are 50,000,000 of people in the Republic of whom only 15,000,000 are members of the various churches.

The exact Census figures are as follows:

Roman Catholic.....	6,174,202
Baptist.....	2,335,044
Methodist.....	1,080,770
Methodist Episcopal South.....	825,013
Lutheran.....	634,570
Presbyterian.....	573,377
Christian.....	567,448
Congregational.....	383,085
Protestant Episcopal.....	323,876
United Brethren.....	155,437
Reformed Church in the United States.....	154,637
United Evangelical.....	144,000
Presbyterian South.....	119,970
Protestant Methodist.....	118,170
Cumberland Presbyterian.....	111,855
Mormon.....	110,372
Methodist Episcopal North.....	98,007
The Brethren.....	90,000
United Presbyterian.....	80,236
Reformed Church in America.....	78,917
Free Will Baptists.....	76,706
Friends.....	66,633
Second Adventists.....	63,500
Anti-Mission Baptist.....	40,945
Reformed Episcopal.....	39,324
Church of God.....	38,324
Wesleyan Methodist.....	17,847
Muravian.....	16,112
Seventh-Day Adventist.....	14,733
Jews.....	13,683
Free Methodist.....	12,120
Adventists.....	11,108
Seventh-Day Baptist.....	10,459
Seven-Day Baptist.....	8,606
Reformed Presbyterian.....	6,020
New Jerusalem.....	4,734
Primitive Methodist.....	3,870
New Menonite.....	2,990
American Communities.....	2,408
Independent Methodist.....	2,100
Six-Principle Baptist.....	2,075

Mr. J. M. Lewis, Summit, Pike county, says: "Two bottles of Brown's Iron Bitters completely cured me of dyspepsia."

## New Advertisements.

**FITTS** A Leading London Physician establishes an office in New York for the cure of  
EPILEPTIC FITS.  
Dr. J. M. Moore (late of London), who makes a specialty of Epilepsy, has without doubt treated and cured more cases than any other living physician. His success has simply been astonishing; we have heard of cases of over 20 years standing successfully cured by him. He has published a work on this disease, which he sends with a large bottle of his compound cure to any sufferer who may send his express and P. O. Address. We advise any one wishing a cure to address to Dr. A. B. KNEELAND, 30 So. 3rd St., New York.

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I have a positive remedy for the above disease. By its use I have cured of the worst kind and stage of Consumption. I will send TWO BOTTLES FREE, on receipt of name and P. O. Address, and a full description of the disease. Write to Dr. A. B. KNEELAND, 30 So. 3rd St., New York.

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BAND CATALOGUE.  
For sale, 100 pages, 216 illustrations of instruments. Bands, Cops, Helmets, Prossers, Respirators, Cap-Lamps, etc., etc., etc.  
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N. B.—The Company has now on hand a large capital and reserve fund. Read carefully the list of prizes for the

## March Drawing:

1 Prize.....	\$30,000	100 of \$100 each	\$10,000
1 Prize.....	10,000	200 of 50 each	10,000
1 Prize.....	5,000	600 of 20 each	12,000
10 of \$1,000 each.....	10,000	1,000 of 10 each	10,000
20 of 500 each.....	10,000		
5 of 300 each.....	1,500	Approximation Prizes.....	2,700
5 of 200 each.....	1,000	Approximation Prizes.....	1,000
5 of 100 each.....	500	Approximation Prizes.....	900
1,960 Prizes.....			\$12,400

Whole Tickets, \$2. Half Tickets, \$1.

27 Tickets, \$50. 55 Tickets, \$100.

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Only 15,000 Tickets and 2,204 Prizes.

Schedule:

1 Capital Prize.....	\$14,000
1 Capital Prize.....	3,000
1 Capital Prize.....	1,000
1 Capital Prize.....	500
2 Prizes, \$500 each.....	600
4 Prizes, \$150 ".....	1,000
100 Prizes, \$24 ".....	4,000
576 Prizes, \$20 ".....	11,200
9 Approximations, \$100 each, to the \$1,400.....	900
9 Approximations, of \$50 each to the \$400.....	450

704 Prizes above, being the full number in the Royal Havana, and

1,500 Additional Prizes of \$5 each to the 1,500 tickets having as an ending figure the terminal unit of the number drawing the Capital Prize of \$14,000.

2,204 Prizes amounting in U. S. Gold to \$44,079

See if the ticket drawing the Capital Prize of \$14,000 ends with the figure 7 then all tickets ending with 7 are entitled to \$5.

Tickets, \$5, Halves, \$2.50, Fifths, \$1.

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ARCHIE THOMAS, Editor Republican, Springfield, Tenn.

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Three months have passed since I quit taking S. S. S. I am cured; am certain S. S. S. did it. J. S. TAGGART, Tel. Operator, Salamanca, N. Y.

J. WYLER QUILLMAN, M. D., Easley, S. C., says: After using three bottles S. S. S. on case Blood Disease given up to die, am satisfied it will recover.

Our science has not made known a combination equal to S. S. S. for Skin or Blood Diseases.

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